

# **INFORMATION DISCLOSURE CITATION** (Use several sheets if necessary)

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BMID9809US

SERIAL NO.

09/901.996

76

DWULET et al.

FILING

July 10, 2001

GROUP

To Be Assigned

## **PATENT DOCUMENTS**

*EXAMINER		DOCUMENT NUMBER		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1		4,703,004	10/87	Hopp et al.	435	68	
2		4,782,137	11/88	Hopp et al.	530	328	
3		4,851,341	07/89	Hopp et al.	435	68	
4		5,011,912	04/91	Hopp et al.	530	387	
5		5,252,466	10/93	Cronan, Jr.	435	69.7	
6		5,594,115	01/97	Sharma	530	413	
7		5,595,887	01/97	Coolidge et al.	435	69.7	
8		5,712,117	01/98	Sprecher	435	69.2	
9		5,731,425	03/98	Brizzard et al.	536	23.1	
10		6,027,945	02/00	Smith et al.	436	526	

## **FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
11	DE 3823519 A1	01/90	Germany	C07K	3/20	Abstract	

## **OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

12	Hirabayashi, Jun, et al., "Arginine-tail method, an affinity tag procedure utilizing anhydrotrypsin agarose," Journal of Chromatography, 597 (1992) 181-187
13	Hirabayashi, Jun, et al., "Specific Isolation by Anhydrotrypsin-Agarose Chromatography of a Recombinant Protein Tagged with an Affinity Tail Arginine at the C-Terminus," Journal of Molecular Recognition, Vol. 3, No. 5/6, 1990, 204-207

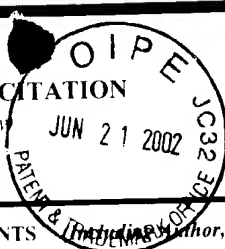
EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Docket Number (Optional)

BMID9809US

Application Number

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Applicant(s)

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INITIAL

OTHER DOCUMENTS

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Ishii, Shin-Ichi, et al., "Immobilized Anhydrotrypsin as a Specific Affinity Adsorbent for Tryptic Peptides," Methods in Enzymology, Vol. 91, Separation of Peptides, 378-383, 1983

Ishii, S., et al., "Specific Isolation of Biologically-Active Peptides by Means of Immobilized Anhydrotrypsin and Anhydrochymotrypsin," Advances in Experimental Medicine and Biology, Vol. 120A, 15-27 (1979).

Kumazaki, Takashi, et al., "Affinity Chromatography on Immobilized Anhydrotrypsin: General Utility for Selective Isolation of C-Terminal Peptides from Protease Digests of Proteins," J. Biochem. 102, 1539-1546, Vol. 102, No. 6, 1987

Kumazaki, Takashi, et al., "A Novel Method for Selective Isolation of C-Terminal Peptides From Tryptic Digests of Proteins by Immobilized Anhydrotrypsin: Application to Structural Analyses of the Tail Sheath and Tube Proteins From Bacteriophage T4," PROTEINS: Structure, Function, and Genetics 1:100-107 (1986)

Ohta, Takafumi, et al., "Application of an anhydrotrypsin-immobilized precolumn for selective separation of peptides having arginine or lysine at their C-termini by column-switching high-performance liquid chromatography," Journal of Chromatography, 543, (1991) 59-67

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Petersen, Lars, et al., "Binding of bovine pancreatic trypsin inhibitor to heparin binding protein/CAP37/azurocidin Interaction between a Kunitz-type inhibitor and a proteolytically inactive serine proteinase homologue," Eur. J. Biochem. 214, 271-279 (1993)

Pusztai, A., et al., "Isolation of Soybean Trypsin Inhibitors by Affinity Chromatography on Anhydrotrypsin-Sepharose 4B," Analytical Biochemistry 172, 108-112 (1988)

Walker, Philip A.J., et al., "Efficient and Rapid Affinity Purification of Proteins Using Recombinant Fusion Proteases," Research, Bio/Technology Vol. 12, June 1994, 601-605

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